

CURRICULUM VITAE

CARL A. JOHNSTON

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EDUCATION

2007	Ph.D., Economics, George Mason University
1982	B.A., English, Stanford University

ACADEMIC APPOINTMENTS

2007-Present	George Mason University, Post-Doctoral Research Fellow at Interdisciplinary Center for Economic Studies (ICES)
2008-Present	National Center for Policy Analysis, Senior Fellow
2011-2012	Chapman University, Research Associate Professor
2002	Department of Health and Human Services, Office of National Coordinator on Health Information Technology, Graduate Researcher.
1999-2000	Harvard Business School, Department of Competition and Strategy, Research Associate

PUBLICATIONS

In Revision	Stephen J. Rassenti, "Small Business in an Experimental Health Insurance Market with Employer Mandates vs Single Payer," <i>Economic Inquiry</i>
2013	Curtis Rooney, "Response- 'An Empirical Analysis of Aftermarket Transaction by Hospitals', <i>Journal of Contemporary Health Law & Policy</i> , Vol. 24(1) pps 72-88.
2012	Stephen J. Rassenti, Lance Clifner, Hernan Bejarano, Vernon Smith, "Resource Adequacy: Should Regulators Worry?" <i>Review of Network Economics</i> , Volume 11, Issue 4.
2011	Lynne Kiesling, "Turning on the Lights 2011: The Next Phase of U.S. Electricity Market Restructuring," National Center for Policy Analysis.
2009	"The Shrinking Medicare Part D Benefit," <i>Journal of Economic Perspectives</i> , Vol. 23, No. 4, pp. 239-40.
2009	Stephen Rassenti, "Healthcare Reform in an Experimental Market." Presented at White House Health Care Summit and published by the National Federation of Independent Business Research Foundation.
2009	"An Experimental Market in Health Care," <i>Proceedings of the IEEE Conference on Social Computing</i> , Vancouver, BC, Canada.
2005	"Experimental Investigation in Medical Markets and Institutional Sources of Price Inflation," <i>Proceedings of Conference on Generative Social</i>

Processes, Models, and Mechanisms, Argonne National Laboratory and University of Chicago

ONGOING RESEARCH EXPECTED TO RESULT IN PUBLICATION

- 2011 “Behaviorism on the Road-Serfdom: Misuse of Science in Bad Regulation” Annual Meeting of the Association for Private Enterprise Education, Nassau, Bahamas, April 2011.
- 2009 Stephen J. Rassenti, Lance Clifner, Hernan Bejarano, Robert Borluk, Vernon Smith, “*An Experimental Investigation of Alternate Wholesale Market Structures*,” a Midwest Independent System Operator Research Report, July 2009.
- 2008 Stephen J. Rassenti, David Porter, Lance Clifner, “*Manning-the Edge: Meeting the Navy’s Manpower Needs in the 21st Century*,” Navy Personnel Research, Studies, and Technology (NPRST) Report, November 2008. Contract # N0018907PN653 & N0018907PPV02.

RESEARCH PAPERS

- “Simulation of a Financial Derivatives Clearing System Using Stochastic Methods”
- “On Complexity and Efficiency of Health Insurance Markets,” with Maciej Latek
- “An Integrated Human-Subject and Computational-Agent Test Bed for Electricity Market Research Targeting Lake Erie Loop Flow Anomaly”
- “An Experimental Health Insurance Market with Regulatory Minimums”
- “An Indemnity Insurance Benefit with Health Savings Account”
- “Methods for Defining Limits of Useful Catastrophic Risk Mitigation Spending”
- “An Integrated Human-Subject and Computational-Agent Test Bed for Electricity Market Research Targeting Lake Erie Loop Flow Anomaly”

INVITED PRESENTATIONS

- 2012 Commenter, “Virginia Attorney General’s Questionnaire Concerning Adder-Fees-Finance New Electricity Generation Capacity in a Regulated Market Including Recommendations for Restructuring Electricity Market,” Richmond, VA
- 2011 “Behaviorism on the Road-Serfdom: Misuse of Science in Bad Regulation,” Annual Meeting of the Association for Private Enterprise Education, Nassau, Bahamas.
- 2011 Presenter, “Electricity Restructuring in the U.S.,” American Legislative Exchange Council Annual Meeting, Cincinnati, OH

- 2010 “Manning to the Edge: Behavioral Issues in Decision Making & Resource Allocation Mechanisms,” Military Operations Research Symposium.

PRESENTATIONS

- 2013 Presenter, Western Economics Association International Annual Conference. Panel on Agent-Based Computing. Modeling Risk in a Financial Derivatives Clearing System
- 2009 Referee, Institute of Electrical and Electronics Engineers (IEEE) Conference on Social Computing Applications
- 2009 Presenter, “Complexity and Efficiency of Health Insurance Markets,” Eastern Economics Association, New York City
- 2007 Presenter, “A Computational Approach-Medicare Part D,” International Conference on Economic Science with Heterogeneous Interacting Agents (formerly the Workshop on Economies of Heterogeneous Interacting Agents) (ESHIA/WEHIA), Center for Social Complexity, George Mason University
- 2006 Presenter, “Computational Agents as Health Insurers, Consumers, and Doctors,” 12th International Conference on Computing in Economics and Finance, Limassol, Cyprus (Paper available at: <http://economicsystemdesign.com/Agent.doc>)
- 2005 Presenter, “Institutional Sources of Price Inflation: An Agent-based Simulation,” Agent 2005 Conference on Generative Social Processes, Models, and Mechanisms, Argonne National Labs, Chicago, IL.
- 2005 Presenter, “Using Repast Simulation Language-Investigate Price Development in Medical Markets,” Third Annual International Conference for Social Science Research, Orlando, FL

EDUCATIONAL MATERIALS

- 2002 Clayton M. Christensen, “*Ethicon Endo-Surgery, Incorporated.*” Harvard Business School Case 602-058.
- 2002 Peter J. Coughlan, Michael G. Rukstad, “*DaimlerChrysler Knowledge Management Strategy.*” Harvard Business School Case 702-412.
- 2002 Michael G. Rukstad, Tyrell Levine, “*Breakup of AT&T: Project Grand Slam.*” Harvard Business School Case 702-127.
- 2001 Peter J. Coughlan, Michael G. Rukstad, “*WebMD(A).*” Harvard Business School Case 701-007.
- 2000 Michael G. Rukstad, David B. Yoffie, “*Microsoft in 2000.*” Harvard Business School Case 700-071.
- 2000 Michael G. Rukstad “*Taiwan Semiconductor Manufacturing Company.*” Harvard Business School Case 700-090.

GRANTS AND FELLOWSHIPS

- 2008-Present National Center for Policy Analysis, Senior Fellow
- 2007-2012 George Mason University, Post-Doctoral Research Fellow at Interdisciplinary Center for Economic Studies (ICES)

2004-2006	James Buchanan Center Fellowship, Mercatus Center
2002-2003	GMU College of Arts and Sciences Scholarship

REFeree FOR PROFESSIONAL JOURNAL

2008-Present	<i>Journal of Energy Policy</i>
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PROFESSIONAL APPOINTMENTS/RECOGNITION

2000-2002	Innosight Inc., founded by Harvard Business School Prof. Clayton M. Christensen, Analyst
1995-1999	Dow Jones Newswires, Deputy Washington Bureau Chief
1996	Dow Jones Nomination for Gerald Loeb Award in Business Reporting
1989-1995	Dow Jones Newswires, White House Reporter
1984-1989	Dow Jones Newswires, Foreign Correspondent, Frankfurt, Germany

LANGUAGES

Foreign: German

Programming: PHP/Apache/MySQL, JAVA, Eclipse and Dreamweaver Development Platforms, Adobe Creative Suite C6, Mason RePast and RePast Symphony Simulation Toolboxes, STATA, Mathematica, Scientific Workplace, Lindo and Lingo Operations Research software. I am currently learning Prolog artificial intelligence language and GIS/JAVA applications.

REFERENCES

Daniel Houser, Ph.D.
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Prof. Robert F. Graboyes, MSHA, Ph.D.
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